



Zuhai RISTAR Precision Machinery Manufacturing Co., LTD



PASSION | RELIABLE | INNOVATION

PRODUCT CATALOG



BRAND PROMOTION

Rasta Showroom



PRODUCT LIST

PASSION | RELIABLE | INNOVATION

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公司简介

COMPANY PROFILES

Ristar specialises in the development and manufacture of dental equipment and tools. The company is the first one in the world to create the first integrated machine for dust extraction, and other R&D and production categories include brushless sanders, grinders, lathe hoovers, powder and liquid dispensers, and integrated technician tables.

Founded in 2008, the company has imported more than 50 sets of precision CNC lathes, CNC machining centres and milling machines, as well as various types of testing equipment such as quadratic yuan, altimeter, runout meter, internal and external calipers, micrometers and so on, engaging in the production and processing of precision hardware parts.

In 2010, we transformed to focus on the research and development of precision instruments for dental equipment. Under the deep cultivation of electronic engineers and mechanical engineers for more than 10 years, the company has mastered the core technology and the whole industrial chain of brushless motors and motor drivers, and the achievements have been applied in brushless sanders, grinders, powder and liquid proportioning machines and hoovers, etc. In 2023~2024, new products of independent research and development are listed one after another, such as the positive-pressure film compressor (air source and air pump) and the full-automatic negative-pressure film compressor.



Corporate Culture

▶ Corporate Vision

To make dental beauty easy and enjoyable

▶ Mission

To bring better equipment to technicians and dentists all over the world.

▶ Core Values

Passion | Reliability | Innovation



Positive Pressure Film Press: (QY-1 & QY-2)



This machine is suitable for forming films of different thicknesses and materials, ensuring high precision and quality forming results. The user-friendly operation interface helps dental professionals to provide more comfortable and effective orthodontic solutions.

This Positive Pressure Film Machine is dedicated to provide stable and efficient moulding solutions, ideal for achieving precise Invisalign in the dental field.

Applications include film moulding of invisible braces, retainers and retainers.

Functions and features

- ◆ 4.3" touch screen, intuitive interface, easy to operate
- ◆ Beautiful styling, all aluminium alloy body is sturdy and durable.
- ◆ Adjustable infrared heating temperature
- ◆ Adjustable film pressing time
- ◆ Pressure values can be set
- ◆ Built-in miniature air pump, low noise, space saving
- ◆ External air source, expandability and flexibility.

QY-1 & QY-2 (Positive pressure air pump type & Positive pressure air source type)	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	24V
Rated Power	800W
Infrared constant heating temperature	220°C
Fuse type	F6 (6A)
Working air pressure	1-5bar
Dimension	L345×W230×H232 mm / L372×W230×H232 mm
Weight	10.94/9.98K

Automatic Negative Pressure Moulding (QY-3)



Applications include diaphragm forming for invisible braces, retainers and retainers.

The machine utilises automatic negative pressure technology for an efficient and seamless diaphragm forming process. The fully automated design enhances efficiency and reduces manual intervention, making it suitable for dental practices of all sizes and production needs.

Its efficient, automated nature makes it ideal for use in dental laboratories and production lines

Functions and features

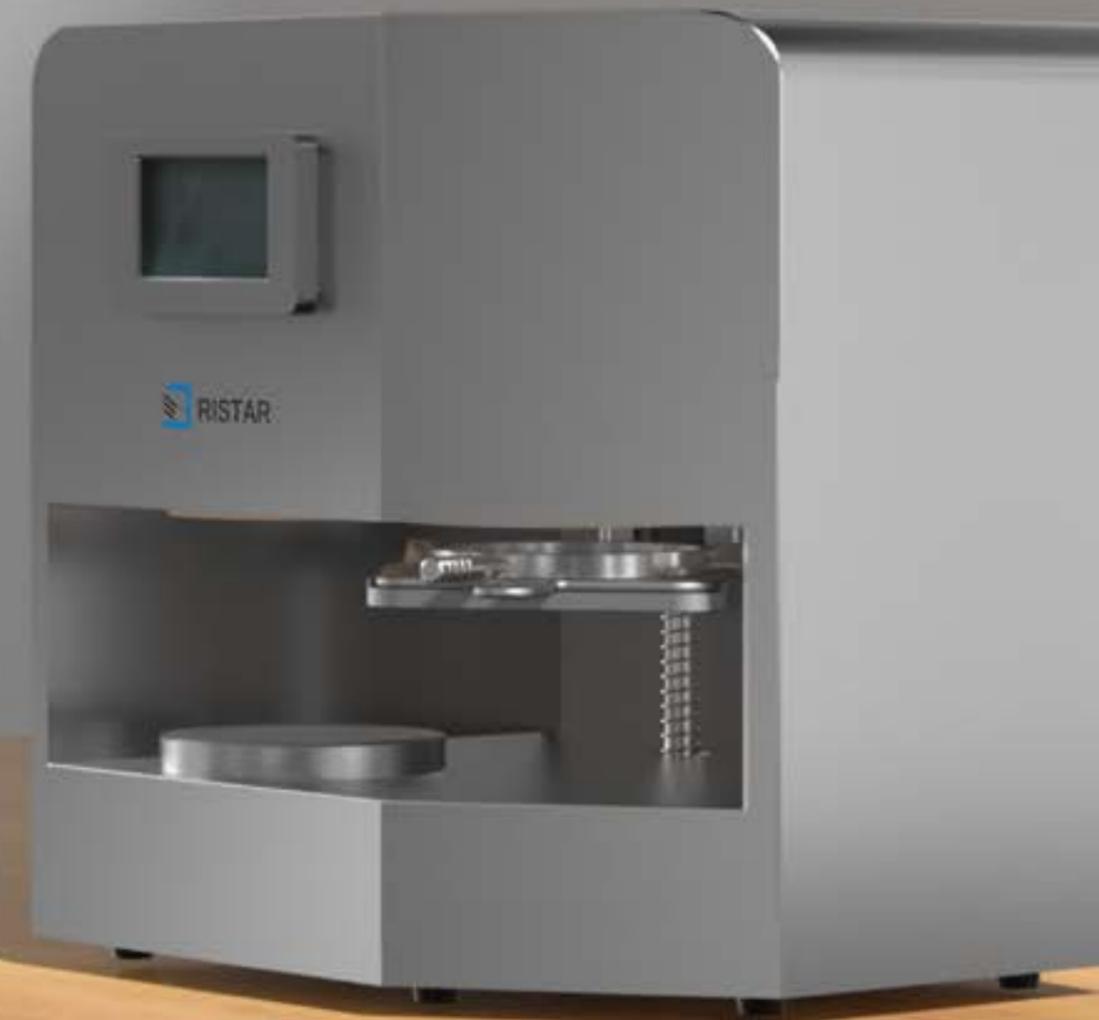
- ◆ No waiting around
- ◆ Easy to operate
- ◆ Built-in high voltage generator
- ◆ Precise and efficient
- ◆ Beautiful shape, all aluminium alloy body is strong and durable.
- ◆ 2.8" touch screen

Automatic negative pressure moulding (QY-3)	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	24V
Rated Power	800W
Fuse type	F6 (6A)
Working Air Pressure	When the pressure of the gas source is 0.5Mpa, the vacuum degree is -93Kpa.
Dimension	L260 x W158 x H318 mm
Weight	6.16KG

Rotary Automatic Positive Pressure Film press(QY-5)

Functions and features

- ◆ Rotary design: simple operation, easy to get started quickly and improve work efficiency.
- ◆ Beautiful shape: full aluminium alloy body, sturdy and durable, modern appearance, suitable for all kinds of working environments.
- ◆ 4.3" touch screen: intuitive interface, easy to operate, support multiple language settings, user-friendly.
- ◆ High efficiency and time-saving: Provide high quality film pressing effect, significantly save production time and increase output.
- ◆ Compatible with multiple moulds: Flexibly adapts to a variety of moulds to meet the needs of different products, and supports rapid mould replacement.
- ◆ Intelligent temperature control system: Equipped with precise temperature control system to ensure the stability and consistency of the film moulding process.
- ◆ Safety Protection Design: Equipped with multiple safety protection mechanisms to ensure the safety of operators and stable operation of the equipment.
- ◆ Easy maintenance: easy disassembly design, convenient for daily maintenance and cleaning, reduce maintenance cost.



	QY-5
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	24V
Rated Power	800W
Infrared constant heating temperature	220°C
Fuse type	F6 (6A)
Working air pressure	1-5bar
Dimension	L400 x W305 x H430 mm
	20KG(including packing)

Precision Grinding Instrument (YM-1)

Applied to grinding of abutments, bridges, etc. This grinder is widely used for grinding and processing of dental abutments, bridges and other components. Its precise grinding capability and user-friendly design make it ideal for dental laboratories and restoration centres. As a cost-effective professional device, it combines an easy-to-use design with high-precision grinding capabilities, providing an ideal solution for dental laboratories and restoration centres.



Functions and features

- ◆ Dual LED Universal Light: Dual LED universal light provides bright and even illumination. Ensure details can be clearly seen during operation and enhance work precision.
- ◆ Cost-effective: offers excellent performance at an economical price, suitable for dental practices and laboratories of all sizes.
- ◆ Simple design: ergonomic design concept, easy to operate, easy to get started, reducing the complexity of operation.
- ◆ Precision Grinding: Equipped with advanced grinding technology to achieve high-precision grinding results and ensure perfect processing of abutments and bridges.
- ◆ Large-pitch jaws/electromagnetic suction cups: Large-pitch jaws and electromagnetic suction cups are designed to facilitate fixing workpieces of various sizes, providing greater operating space and stability.
- ◆ Speed control function: With the speed control function, the speed can be adjusted according to different grinding needs to meet the requirements of various grinding tasks.
- ◆ Low noise operation: Optimised noise control design minimises noise during operation, creating a more comfortable working environment.
- ◆ Multi-functional compatibility: Support a variety of grinding tools and accessories to adapt to different grinding needs, providing more operational flexibility.

精密研磨仪 Y-1	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated power	200W
Fuse type	T3 (3A)
Grinding speed	0~60000RPM
Grinding torque	7.8Ncm
Grinding power	60W
Electromagnetic suction power	13W
Suction weight	80kg
Lighting method	LED light
Drive type	Speed control foot pedal and manual
Control method	Forward/reverse rotation arbitrary switching
Circuit protection	Overheating/overload/overcurrent
Motor type	Brushless DC motor
Dimension	L219xW336xH 520mm
Weight	15.7KG

Precision Grinder YM-2

It is a high-performance machine designed for fine grinding of dental components such as abutments and bridges. With its superior power and flexible operability, it offers a precise and efficient grinding solution, ideal for dental laboratories and restorative centres.

Areas of application

This precision grinder is widely used for high precision grinding of dental abutments, bridges and other complex components. Its powerful and intelligent design provides excellent support for professional dental restorations.



Functions and features

- ◆ Brushless Grinding Head: Equipped with a highly efficient brushless grinding head, it provides strong power and longer service life, reducing the need for maintenance.
- ◆ Large Pitch Jaws / Electromagnetic Suction Cups: Designed with large pitch jaws and electromagnetic suction cups, it is able to clamp various sizes of workpieces stably and enhance the stability of operation.
- ◆ Precision Grinding and Flexible Operation: Combining precision grinding technology and flexible operating system ensures high precision and efficiency during the grinding process.
- ◆ LED Universal Lamp: LED universal lamp, providing high brightness and wide-angle illumination, ensures clear visibility of the grinding area and enhances work precision.
- ◆ Anti-vibration design: the equipment has excellent anti-vibration performance, reducing vibration during the grinding process, improving operational stability and

Precision grinding machine Y-2	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated power	200W
Fuse type	T3 (3A)
Grinding speed	0~50000RPM
Grinding torque	7.8Ncm
Grinding power	60W
Electromagnetic suction power	13W
Suction weight	80kg
Lighting method	LED light
Drive type	Speed control foot pedal and manual
Control method	Forward/reverse rotation arbitrary switching
Circuit protection	Overheating/overload/overcurrent
Motor type	Brushless DC motor
Dimension	L220xW336xH 478mm
Weight	13.5KG

Brushless Sanders (BL-80 & BL-90)



Brushless sanders BL-80

Brushless sanders BL-90

Functions and features

Suitable for laboratory, denture processing, jade, abrasive processing, handicrafts, decorative carving and polishing, copper and porcelain open hole polishing and other processes

- ◆ High-efficiency brushless motors are lightweight. Durable. Comfortable grip
- ◆ Magnetic foot pedal, speed control by foot pedal, automatic braking.
- ◆ Suitable for high end, high demand grinding

Brushless Grinder BL-80/BL-90

Supply Voltage	220V ~ 50/60 Hz /110V~50/60 Hz
Output Voltage	48V
Rated Power	120W
Fuse type	T2 (2A)
Maximum torque	7.8Ncm
Temperature rise	No load 6 degrees max; Load 14
Speed Setting	0~50000RPM
Speed Fluctuation	<1% Setting speed
Reversing mode	Forward/reverse switching at will
Fault self-test	E0-E12
Circuit protection	Overheating/overload/overcurrent
Dynamic response	Start-stop 1 second
Driving method	Speed control foot pedal and manual
Dimensions (main unit)	L 216×W176×H 89mm
Weight (main unit)	2.36KG
Dimensions (Handle)	ø28.7*154mm
Weight(Handle)	0.3g
Dimensions(Pedal)	L180×W110×H61mm
Weight(Pedal)	0.32KG

Brushless Sander (BL-100)

Suitable for laboratory, denture processing, jade, abrasive processing, handicrafts, Decorative carving and polishing, copper and porcelain open hole polishing and other processes



Functions and features

- ◆ Upgraded Handpiece Torque – 8.5Ncm: Equipped with an upgraded high-torque motor with a torque of 8.5Ncm, it provides more power and precise control, adapting to a variety of sanding needs.
- ◆ Upgraded motor: Adopting the latest technology to upgrade the motor, it improves the working efficiency and durability, and reduces the need for maintenance to ensure long-term stable operation.
- ◆ New shape: The new design is more modern and beautiful, which not only enhances the visual appeal of the machine, but also optimises the operating comfort.
- ◆ Flexible operation: With a variety of adjustment functions, users can freely adjust the rotational speed and grinding angle according to their needs, providing higher operational flexibility.
- ◆ Intelligent Vibration Control: Equipped with an intelligent vibration control system, it reduces vibration during operation and improves the stability and precision of sanding.
- ◆ Multi-functional compatibility: Supports the use of a variety of sanding tools and accessories to meet the needs of different sanding and polishing processes, increasing the scope of application of the equipment.
- ◆ Convenient Cleaning and Maintenance: Designed with easy cleaning and maintenance in mind, it simplifies daily maintenance work and keeps the equipment in the best condition.

Brushless Grinder BL-100	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	120W
Fuse type	T2 (2A)
Maximum torque	8.5Ncm
Temperature rise	No load 6 degrees max; Load 14 degrees max
Speed Setting	0~60000RPM
Speed Fluctuation	<1% Setting speed
Reversing mode	Forward/reverse switching at will
Fault self-test	E0-E12
Circuit protection	Overheating/overload/overcurrent
Dynamic response	Start-stop 1 second
Driving method	Speed control foot pedal and manual
Dimensions (main unit)	L154×W212×H85mm
Weight (main unit)	2.4KG
Dimensions (Handle)	ø28.7*154mm
Weight(Handle)	265g
Dimensions(Pedal)	L180×W110×H61mm
Weight(Pedal)	0.5KG

Zirconia Lathe Vacuum Cleaner (XF-3)

This zirconia lathe Hoover is widely used in the grinding and polishing process of turning zirconium, turning gold, rubber tray, etc. It can effectively remove dust and waste, keep the environment in the process neat and clean, and provide reliable support for precision machining.



Functions and features

- ◆ Compact and lightweight: the compact design makes the unit easy to place in the working environment, saving space and making it easy to move and operate.
- ◆ Powerful suction power: The suction port can reach 25m/s, providing powerful suction effect, quickly removing dust and debris, keeping the processing area clean.
- ◆ Transparent Drawer Dust Bin: Equipped with a transparent drawer dust bin, it is convenient to monitor the filling status of the dust bin in real time, easy to maintain and clean, and reduces operation time.
- ◆ Brushless fan: Adoption of a highly efficient brushless fan ensures long-lasting work quality and long service life, reducing the need for maintenance.
- ◆ Machine Linkage Function: Linkage operation with machine tools enables synchronised start and stop, improving work efficiency and reducing manual intervention.
- ◆ Low noise operation: Optimised noise control design minimises noise during operation, providing a quieter working environment for operators.
- ◆ High-efficiency filtration system: Equipped with a high-efficiency filtration system, it can effectively capture minute dust, protecting the working environment and operator's health.

Zirconia lathe Hoover XF-3	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	360W
Motor Type	Brushless DC Motor
Negative pressure	13Kpa
Fuse type	T4 (4A)
Suction diameter	50mm
Air volume	1800L / 分
Noise level	≤ 60dB
Control mode	intelligent linkage
Dimension	L440×W262×H456mm
Weight	18.8KG(with packaging)

经典款 吸尘器系列



Sanding And Vacuuming Machine (XF-4-2)

This is a multi-functional unit designed for efficient and clean sanding work. The all-in-one machine combines sanding and vacuuming functions to provide an energy-efficient, power-saving solution and is lightweight and durable, making it an ideal tool for clinical finishing and preparation as well as for master professionals and supervisors.

Functions and features

- ◆ Sanding and vacuuming linkage: sanding and vacuuming functions are operated in linkage and can be synchronised to reduce energy consumption, improve working efficiency and save power.
- ◆ Lightweight and Durable Design: The machine is designed to be lightweight and easy to move and operate, and is made of durable materials to ensure stability in long-term use.
- ◆ Magnetic Foot Pedal: Innovative magnetic foot pedal design supports precise foot pedal speed control and automatic braking function to improve operational flexibility and safety.
- ◆ Multi-functional application: Suitable for clinical trimming, tooth preparation and other precision grinding tasks, it is an essential tool for master professionals and supervisors, providing efficient grinding and vacuuming solutions.
- ◆ Japanese Imported Bearings: High quality Japanese imported bearings are used to improve the operational stability and durability of the unit and reduce the failure rate.
- ◆ COMFORTABLE GRIP, PLUG & PLAY: Humanised design provides a comfortable grip and supports plug & play, simplifying the operation process and reducing preparation time.
- ◆ Brushless Blower: Equipped with a highly efficient brushless blower, it provides strong vacuuming power and long service life, reducing the need for maintenance.
- ◆ Low noise operation: Optimised noise control design ensures quiet operation during the working process, creating a more comfortable working environment.
- ◆ Drawer Dust Bin: The transparent drawer dust bin is designed for real-time monitoring and manual cleaning, and is equipped with a high-efficiency filter cartridge capable of filtering 5µm particles, ensuring clean air and easy maintenance.

Grinding and vacuuming machine XF-4-2

Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Maximum load power	180W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction port direct	40mm
Air Volume	1100L/分
Noise	≤ 58dB
Size	L410×W210×H355 mm
Speed Setting	0~50000RPM
Speed fluctuation	<1% Setting speed
Reversing method	Forward/reverse switching at will
Failure self-test	E0-E12
Circuit protection	Overheating/overload/overcurrent
Dynamic response	Start-stop 1 second
Driving method	Speed control foot pedal and manual
Handle temperature rise	14 degrees
Maximum handle torque	7.8Ncm
Weight	13.5KG (including packaging)

Workstation Linkage Vacuum Cleaner (XF-4-1)

This workstation linked hoover is widely used in work environments that need to be kept clean, such as laboratories, machining shops, production lines and other workstations. Its efficient vacuuming function and intelligent linkage design provide the ideal solution to meet a variety of professional needs.



Functions and features

- ◆ Intelligent linkage: advanced intelligent linkage function to achieve synchronous operation with workstation equipment, improve work efficiency and reduce manual intervention.
- ◆ Low noise operation: Optimised noise control design ensures quiet operation during use, providing a quiet working environment for operators.
- ◆ Energy-saving design: Energy-saving function reduces power consumption, while maintaining strong vacuuming effect, environmentally friendly and economical.
- ◆ Lightweight and durable design: the equipment is designed to be lightweight and easy to move and operate, and is made of durable materials to ensure the long-term stability of the equipment.
- ◆ Comfortable Grip, Plug and Play: Provides a comfortable grip and supports plug and play, simplifying the operation process for rapid deployment and efficient use.
- ◆ Brushless Blower: Equipped with a highly efficient brushless blower, it provides stable vacuuming performance and longer service life, reducing maintenance needs and failure rates.
- ◆ Drawer Dust Bin: Equipped with a transparent drawer dust bin for real-time monitoring and manual cleaning, the dust bin features a high-efficiency filter cartridge capable of filtering 5µm particles, keeping the air clean and easy to maintain.
- ◆ High efficiency filtration system: The high efficiency filtration system not only effectively captures fine dust, but also extends the service life of the equipment and improves the cleanliness of the working environment.

Workstation Linkage Vacuum Cleaner XF-4-1	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	180W
Motor Type	Brushless DC
Negative Pressure	10Kpa
Fuse Type	T4 (4A)
Suction port diameter	40mm
Air Volume	1100L / 分
Noise	≤ 58dB
Main equipment power range	≤ 1KW 以内
Dimension	L392 x W210 x H355 mm
Weight	12KG (including packaging)

Single Station Hoover (XF-4)

Designed for a single manual position, designed to provide an efficient and convenient cleaning solution. Advanced brushless blower technology ensures excellent performance in a variety of work environments such as laboratories, workshops and work benches.



Functions and features

- ◆ SINGLE STATION VACUUM CLEANER: Designed for single station use, it efficiently removes dust and debris, keeping the work area tidy and the air fresh.
- ◆ Plug and Play: Plug and Play design simplifies the setup and startup process of the unit without complicated installation steps, convenient and quick.
- ◆ Brushless Fan: Adopts a high-efficiency brushless fan to provide stable vacuuming performance and longer service life, reducing maintenance requirements and enhancing equipment reliability.
- ◆ Drawer Dust Bin: A transparent drawer dust bin is provided for easy monitoring of the bin's condition and manual cleaning, and is equipped with a high-efficiency filter cartridge capable of filtering 5µm particles to ensure continuous and efficient vacuuming.
- ◆ High efficiency filtration system: The high efficiency filter cartridge captures fine dust, protecting equipment and operator health while maintaining a good working environment.
- ◆ Easy Maintenance: Designed with the convenience of routine maintenance in mind, it simplifies the process of cleaning and servicing the equipment to ensure long-term stable performance.
- ◆ Low noise operation: Optimised noise control design ensures the lowest possible noise level during operation, creating a quiet working environment for the operator.
- ◆ Energy-saving design: Efficient energy management system reduces power consumption while maintaining strong vacuuming effect, combining environmental protection and economic benefits.

Single station hoover (without linkage) XF-4	
Power Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	180W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction diameter	40mm
Air volume	1100L / 分
Noise level	≤ 58dB
Dimension	L392 x W210 x H355 mm
Weight	12KG (including packaging)

2024 新款 吸尘器系列



Sanding And Vacuuming Machine (XF-6-2)

With cosmetic upgrades and the addition of an auto-cleaning function, the XF-5 series offers energy and power saving solutions and a significant weight reduction from the XF-4 series, while maintaining efficient, clean sanding and dust collection in one unit.

The all-in-one sanding and dust collection machine is an ideal tool for clinical finishing, tooth preparation and professional technicians, fuelling a more efficient operating experience.

Functions and features

- ◆ Intelligent vibration cleaning cartridge: Built-in intelligent vibration system automatically cleans the cartridge to maintain the stability of the vacuuming effect, reduce the frequency of manual cleaning, and ensure the long-term efficient operation of the equipment.
- ◆ Integrated Dust Extraction System: Integrating the sanding and dust extraction functions together saves space and improves work efficiency while reducing energy consumption.
- ◆ Lightweight design: The new exterior design reduces the weight of the machine and improves ease of movement and operation.
- ◆ Modern Appearance: The upgraded appearance design makes the equipment more modern and beautiful, and coordinates with various working environments.
- ◆ Brushless large fan: Adoption of brushless large fan provides strong suction power and long life, reducing the need for maintenance.
- ◆ Low noise operation: Optimised noise control design keeps the working environment quiet and comfortable.
- ◆ Drawer type dust bin: Manual dust removal design, equipped with high efficiency filter cartridge, capable of filtering 5µm particles, easy to clean.
- ◆ Japanese imported bearings: High quality bearings ensure the stability and reliability of the equipment.

Grinding and vacuuming machine XF-6-2

Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Maximum Load Power	240W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction port diameter	40mm
Air volume	1100L / 分
Noise	≤ 58dB
Dimensions	L460×W285×H430mm
Dimension(Handle)	ø28.5×154mm
Weight(Pedal)	5.5kgs

Sanding And Vacuuming Machine (XF-5-2)



Functions and features

- ◆ Integrated Dust Extraction System: The integration of sanding and dust extraction functions saves space and improves work efficiency while reducing energy consumption.
- ◆ Lightweight design: The new exterior design reduces the weight of the machine and improves ease of movement and operation.
- ◆ Modern Appearance: The upgraded appearance design makes the equipment more modern and beautiful, and coordinates with various working environments.
- ◆ Brushless large fan: Adoption of brushless large fan provides strong suction power and long life, reducing the need for maintenance.
- ◆ Low noise operation: Optimised noise control design keeps the working environment quiet and comfortable.
- ◆ Drawer type dust bin: Manual dust removal design, equipped with high efficiency filter cartridge, capable of filtering 5µm particles, easy to clean.
- ◆ Japanese imported bearings: High quality bearings ensure the stability and reliability of the equipment.

Grinding and vacuuming machine XF-5-2	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Maximum load power	240W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction port diameter	40mm
Air volume	1100L / ingredient
Noise	≤ 58dB
Dimensions	L460×W285×H430mm
Weight	5.1kgs

Single-Station Hoover (XF-5/XF-6)



Based on the classic XF-4-2, the new 2024 model features cosmetic upgrades and an auto-cleaning function that provides an energy and power saving solution and a significant weight reduction, while maintaining efficient, clean sanding and dust collection in one unit. The all-in-one sanding and dust collection machine is an ideal tool for clinical finishing, tooth preparation and professional technicians, fuelling a more efficient operating experience.

Functions and features

- ◆ Intelligent vibration cleaning cartridge: Built-in intelligent vibration system automatically cleans the cartridge to maintain the stability of the dust suction effect, reduce the frequency of manual cleaning, and ensure the long-term efficient operation of the equipment.
- ◆ Lightweight design: The injection moulding process reduces the weight of the equipment and improves the convenience of operation.
- ◆ Modern Appearance: The new appearance design is more modern and suitable for various working environments.
- ◆ High-efficiency vacuuming: Brushless fan provides stable vacuuming effect and prolongs the service life.
- ◆ Drawer-type dust bin: Equipped with a high-efficiency filter cartridge capable of filtering 5µm particles, the manual cleaning design is easy to maintain.
- ◆ Durable: Injection moulded material ensures long term durability and robustness of the unit.

单工位吸尘器 (无联动) XF-5/XF-6	
Power Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	180W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction diameter	40mm
Air Volume	1100L / ingredient
Noise level	≤ 58dB
Dimension	L460 x W285 x H430 mm
Weight	4.6KG

Linkage Hoover XF-5-1/XF-6-1



Based on the classic model, the new 2024 product features cosmetic upgrades and an auto-cleaning function to provide energy and power saving solutions and a significant weight reduction, while maintaining efficient, clean sanding and dust collection performance in one unit.

The efficient dust extraction function and intelligent linkage design provide the ideal solution to meet a variety of professional needs.

Functions and features

- ◆ Intelligent linkage function: enhance the degree of work automation, realise the intelligent linkage control of the equipment, improve efficiency and convenience.
- ◆ Intelligent vibration cleaning cartridge: Built-in intelligent vibration system automatically cleans the cartridge to maintain the stability of the vacuuming effect, reduce the frequency of manual cleaning, and ensure the long-term and efficient operation of the equipment.
- ◆ Lightweight design: The new appearance process makes the equipment more lightweight, easy to move and install, and at the same time enhances the durability.
- ◆ Modern Appearance: The modern and beautiful appearance design is suitable for various working environments.
- ◆ Brushless fan: Highly stable and long-life brushless fan ensures strong suction power and efficient dust handling.
- ◆ Drawer-type dust bin: High-efficiency filter cartridge filters 5µm particles and is easy to clean and maintain.
- ◆ Convenient operation: The device design is simple and intuitive, plug and play, to enhance the user's operating experience.

Workstation Linkage Vacuum Cleaner XF-5-1/XF-6-1	
Power Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	180W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction diameter	40mm
Air volume	1100L/ingredient
Noise level	≤ 58dB
Dimension	L460×W285×H430mm
Weight	5.1KG

Single Station Mechanic's Table



The Single Station Mechanic's Table is widely used in technical maintenance, laboratories, workshops, studios and other locations where individual workstations are required. Its affordability, flexible customisation and aesthetic design make it ideal for use in a variety of work environments.

It is a cost-effective workstation designed to meet the needs of individual workstations. It offers an affordable solution with flexible customisation options and an aesthetically pleasing design for a variety of technical work and maintenance tasks.

Functions and features

- ◆ Economical and affordable
- ◆ Available in multiple colours
- ◆ Flexible customisation
- ◆ Flexible rail configuration
- ◆ Simple and aesthetically pleasing
- ◆ **DURABLE MATERIAL:** Made with high quality materials to ensure the durability and stability of the table in long term use.
- ◆ **EASY TO CLEAN:** The surface is designed with ease of cleaning in mind, making it simple to maintain and keeping the desktop tidy at all times.
- ◆ **Multi-functional application:** suitable for a variety of work needs, including technical maintenance, assembly, processing, etc., to meet different use scenarios.
- ◆ **Efficient work area:** Provides enough work space and organisation to help users improve work efficiency and comfort.

Single station mechanic's table	
Dimensions	L1000×W600×H800mm
Weight	35kg
Stainless steel plate (optional)	600×400×1mm
Glass plate (optional)	242×166×5 mm
Dust cover (optional)	498×378×231mm (75mm hicker)

Duplex Mechanic's Table

For dental laboratories or prosthetics

It is an efficient workbench designed for two-station work, combining a modern integrated dust extraction system with a robust and durable structural design. It is suitable for work environments where two people need to work together, optimising the use of space and increasing work efficiency.

The Duplex Mechanic's Table is widely used in technical maintenance, laboratories, fabrication shops and other work environments where two people need to work together. Its efficient dust extraction system and sturdy design make it ideal for boosting productivity and keeping work areas tidy.



Functions and features

- ◆ Integrated vacuum system: Built-in high-efficiency vacuum system effectively removes dust and waste materials during the working process, keeping the working environment clean and improving air quality.
- ◆ Efficient and Convenient: Designed with a focus on user experience and easy operation, it can quickly meet the needs of dual-station simultaneous work and improve overall work efficiency.
- ◆ Strong and durable: the use of high-strength materials and precision manufacturing process, to ensure the stability and durability of the table in a long period of high-intensity use.
- ◆ Space-saving: Dual-station design optimises the use of space, making the two workstations compact and uncrowded, suitable for working environments with limited space.
- ◆ Versatile Configuration: Provides flexible configuration options to support the installation of various tools and equipment to meet the needs of different work tasks.
- ◆ Modern design: The appearance is simple and modern, incorporating aesthetically pleasing design elements
- ◆ Dual-station design: one hoover can drive the vacuuming needs of two stations, which is more economical and green energy.

Duplex technician's table 1.8 metres	
Size	L1800×W600×H800mm
Weight	48kg
Stainless steel plate	600×400×1mm
Glass baffle	242×166×5 mm
Zirconia lathe hoover XF-3	
Supply Voltage	220V-50/60 Hz
Output Voltage	48V
Rated Power	360W
Motor Type	Brushless DC Motor
Negative pressure	13Kpa
Fuse Type	T4 (4A)
Suction port direct	50mm
Air Volume	1800L/分
Noise	≤ 60dB
Control mode	telligent linkage
Dimension	L440*W262*H456mm
Weight	18.8KG(with packaging)

Duplex Mechanic's Table (New)



Functions and features

- ◆ Stainless steel cladding: fully clad stainless steel design with excellent anti-corrosion properties to ensure long-lasting durability and safety.
- ◆ Modern minimalist design: white and silver colour scheme in a simple style to enhance the overall beauty of the laboratory, with a reasonable functional layout for efficient operation.
- ◆ Stable and durable: all-steel structure design, strong load-bearing capacity, suitable for a variety of equipment and tools.
- ◆ Anti-scald and anti-corrosion: full stainless steel cladding design, can effectively resist high temperature and careless bumping of sanding pens, and has good fireproof function.
- ◆ EASY TO CLEAN AND MAINTAIN: Smooth surface design reduces dirt breeding and facilitates daily cleaning to maintain high hygiene standards.
- ◆ Multi-functionality: It can be equipped with power socket and gas source interface, etc., supporting the use of multiple devices and flexibly responding to various operational needs.
- ◆ Dual-station design: one hoover can drive the vacuuming needs of two stations, more economical and green energy.

Duplex technician's table 1.8 metres	
Dimensions	L1800×W600×H800mm
Weight	55kg
Stainless Steel Plate (Clad)	1800×600×20mm
Glass Bezel	242×166×5 mm

Integrated Mechanic's Table (3 in 1)

The Integrated Mechanic's Table (3-in-1) is widely used in skilled labour workstations, maintenance workshops, fabrication shops and laboratories. Its multifunctional design and efficient dust extraction system make it ideal for improving work efficiency and keeping the work environment clean.



Functions and features

- ◆ 3-in-1 integrated design: integrated sanding, vacuuming and operating functions, plug and play, simplifies equipment configuration and use process, providing users with a convenient all-in-one workstation.
- ◆ Sheet metal structure: The sturdy sheet metal structure ensures the durability and stability of the table, which can withstand long-term high-intensity use.
- ◆ Integrated Dust Extraction System: Built-in high-efficiency dust extraction system effectively removes dust and waste generated during the working process, keeping the working environment clean.
- ◆ Minimalist design: minimalist design concept, easy to operate, intuitive interface, reduces complex settings and improves the user's operating experience.
- ◆ Stainless Steel Protection Plate: Equipped with stainless steel plate to protect the desktop from scratches and abrasion, prolonging the service life of the desktop and keeping the appearance neat and clean.
- ◆ Flexible Configuration Rail: Equipped with a flexible rail system to support the installation and adjustment of various tools and equipment to meet different work requirements.
- ◆ Straight-through air hose connector: Designed with a straight-through air hose connector, it simplifies the connection and maintenance of the vacuum system and improves the overall efficiency of the system.
- ◆ Three types of countertops are available:
 - ◆ Solid wood (log) countertops: natural, rustic solid wood countertops provide excellent durability and visual aesthetics for high-end work environments.
 - ◆ Solid Wood (Granular Solid Wood) Countertops: Granular solid wood countertops are economical and durable for everyday use, providing a stable work surface.
 - ◆ Quartz Stone Countertops: High-grade quartz stone countertops with excellent abrasion resistance and easy cleaning, suitable for high-intensity work environments and long-term use.
- ◆ Multifunctionality: combining multiple functions in one, suitable for technical maintenance, assembly, processing and other work scenarios, enhancing work efficiency and flexibility.

Single station mechanic's table	
Weight (stone surface)	60kg
Weight (wood surface)	49kg
Stainless steel plate	600×400×1mm
Glass baffle	242×166×5 mm
Dust cover (optional)	498×378×231mm (75mm thicker)
One-piece Hoover	
Supply Voltage	220V ~ 50/60 Hz
Output Voltage	48V
Rated Power	180W
Motor Type	Brushless DC Motor
Negative pressure	10Kpa
Fuse type	T4 (4A)
Suction port direct	40mm
Air Volume	1100L/分
Noise	≤ 58dB
Dimension	L210×W380×H350 mm
Weight	13.5KG (Packaging included)
Brushless sanders	
Maximum torque	8.5Ncm
Temperature rise	No load 6 degrees max; Load 14 degrees max
Speed Setting	0~50000RPM
Speed fluctuation	<1% Setting speed
Reversing method	Forward/reverse switching at will
Fault self-test	E0-E12
Circuit protection	Overheating/overload/overcurrent
Dynamic response	Start-stop 1 second
Driving method	Speed control foot pedal and manual
Dimensions (handle)	ø28.7×154
Weight (handle)	275g

Powder Liquid Dosing Machine

This powder-liquid proportioner is widely used in industries that require precise proportioning, such as gypsum product production, embedded material processing and other chemical proportioning fields. Its efficient and precise design provides reliable support for every step in the production process.

It is a precision equipment designed for automatic proportioning of water to gypsum powder and embedding liquid to embedding powder. It can effectively simplify the proportioning process, avoiding the tediousness of the traditional use of electronic scales and measuring cups, and at the same time reducing the errors caused by human factors, ensuring the accuracy of each proportioning.

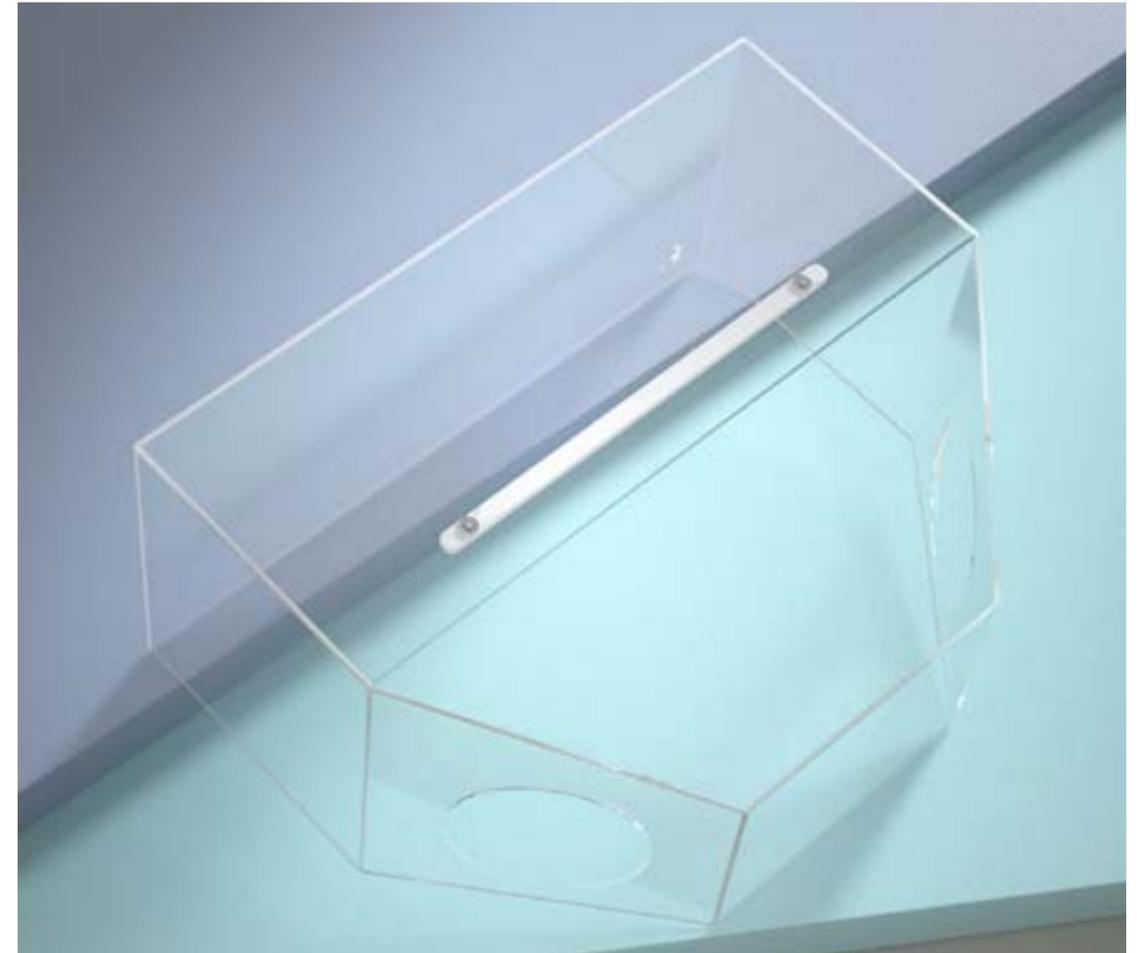


Functions and features

- ◆ Touch screen design: Equipped with high sensitivity touch screen, easy and intuitive to operate, quickly set and adjust the proportioning parameters, significantly improve work efficiency.
- ◆ Automatic calibration weighing and stable weighing function: built-in automatic calibration weighing system ensures the accuracy and stability of the equipment, reduces human intervention and improves the reliability of proportioning.
- ◆ Powder-liquid precise proportioning: adopting high-precision sensors and advanced algorithms to achieve precise powder-liquid proportioning, optimise production quality and ensure the consistency and accuracy of each proportioning.
- ◆ Save time and labour: automated operation reduces the time and labour intensity of manual proportioning, improves working efficiency, and is suitable for high-volume production environments.
- ◆ Durable materials: Made of high quality corrosion resistant materials, adapting to the use of various chemical environments, prolonging the service life of the equipment.
- ◆ Easy Maintenance and Cleaning: Designed to focus on the convenience of routine maintenance and cleaning, it simplifies the process of equipment maintenance and maintains the best performance of the equipment.
- ◆ Multiple proportioning modes: Alginate and gypsum powder proportioning modes are available to adapt to different production needs and flexibly meet the requirements of various production scenarios.

Precision powder/liquid proportioning machine PB-1		
Power supply voltage	220V ~ 50/60 Hz	
Output Voltage	24V	
Rated power	10W	
Discharge speed	100ml/6min	
Powder Discharge Speed	300g/15min	
Dimension	L232×W545×H328mm	
Weight	19KG (Packaging included)	

Dust Cover



Fields of application

Dust covers are widely used in dental laboratories to protect equipment and master technicians from dust and dirt. Their efficient dust protection and aesthetic design make them ideal for protecting a wide range of equipment.

Functions and features

- ◆ High Transparency: Made of highly transparent material, it ensures that users can clearly view the status of the device and the operation process without affecting the function and monitoring of the device.
- ◆ Superior dustproof performance: effectively collects dust and prevents splashing of dirt.
- ◆ Wear and corrosion resistance: Highly wear-resistant materials are used to provide excellent wear and corrosion resistance, ensuring stability and reliability over long periods of time.
- ◆ Easy to clean: smooth surface design, easy to clean and maintain, can quickly remove dust and dirt, keep the dust cover clean and transparent.
- ◆ Aesthetically pleasing: The appearance is designed to be simple and aesthetically pleasing, matching perfectly with various equipment and instruments, enhancing the overall visual effect of the working environment.
- ◆ Reserved holes for LED lamps: Designed with reserved holes for LED lamps to facilitate the installation of lighting equipment, ensuring that the lighting needs of the equipment area are met when using the dust cover.



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